Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016255.D
Acq On : 09 Sep 2021 12:50
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 09 14:05:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 14:04:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	10801	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	54230	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	30766	0.400	ng		0.00
19) Phenanthrene-d10	17.237	188	61490	0.400	ng		0.00
29) Chrysene-d12	21.429	240	58852	0.400	ng		0.00
35) Perylene-d12	23.813	264	34544	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	22775	0.747	ng		0.00
5) Phenol-d6	7.034	99	28793	0.739	ng		0.00
8) Nitrobenzene-d5	9.013	82	34635	0.796	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	69757	0.808	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	10073	0.734	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	96852	0.835	ng		0.00
27) Fluoranthene-d10	19.271	212	149421	0.809	ng		0.00
31) Terphenyl-d14	19.867	244	128180	0.862	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	3372	0.976	ng		85
3) n-Nitrosodimethylamine	3.733	42	6650	0.792	ng	#	100
6) bis(2-Chloroethyl)ether	7.292	93	23924	0.849	ng		100
9) Naphthalene	10.711	128	118638	0.827	ng		100
10) Hexachlorobutadiene	10.990	225	24174	0.827	ng	#	100
12) 2-Methylnaphthalene	12.319	142	81074	0.837	ng		99
16) Acenaphthylene	14.205	152	113589	0.823	ng		100
17) Acenaphthene	14.548	154	72644	0.831	ng		100
18) Fluorene	15.538	166	90975	0.829	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	1423	0.326	ng	#	72
21) 4-Bromophenyl-phenylether	16.433	248	27067	0.833	ng		99
22) Hexachlorobenzene	16.555	284	32190	0.840	ng		100
23) Atrazine	16.701	200	24107	0.733	ng		99
24) Pentachlorophenol	16.896	266	4092	0.416	ng		99
25) Phenanthrene	17.285	178	147793	0.859	ng		100
26) Anthracene	17.371	178	136828	0.834	ng		100
28) Fluoranthene	19.301	202	175811	0.861	ng		100
30) Pyrene	19.664	202	175405	0.915	ng		100
32) Benzo(a)anthracene	21.408	228	159190	0.805	ng		100
33) Chrysene	21.461	228	157744	0.821	ng		100
34) Bis(2-ethylhexyl)phtha...	21.334	149	95939	0.721	ng		99
36) Indeno(1,2,3-cd)pyrene	26.288	276	47282	0.492	ng		100
37) Benzo(b)fluoranthene	23.087	252	117584	0.997	ng		99
38) Benzo(k)fluoranthene	23.132	252	104693	0.969	ng		99
39) Benzo(a)pyrene	23.707	252	85835	0.820	ng		98
40) Dibenzo(a,h)anthracene	26.305	278	37694	0.470	ng		97
41) Benzo(g,h,i)perylene	27.048	276	39615	0.491	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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